

Figure 1 displays a sequence of 12 diagrams illustrating the evolution of a 2D lattice system. The diagrams are arranged in two rows of six. The top row shows the initial state with a single black dot at the center of a 3x3 grid, labeled '1', '2', '3', '4', '5', and '6' from left to right. The bottom row shows the subsequent states, labeled '7', '8', '9', '10', '11', and '12' from left to right. The diagrams illustrate the growth of the black region as it spreads from the center dot, with labels indicating the number of black sites at each stage.

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